

# Maine Lobster Data since 2008

- **Dealer Data**

- 100% of trips/transactions reported
- Reported by port – assumed zone
- Provides total landings and trips

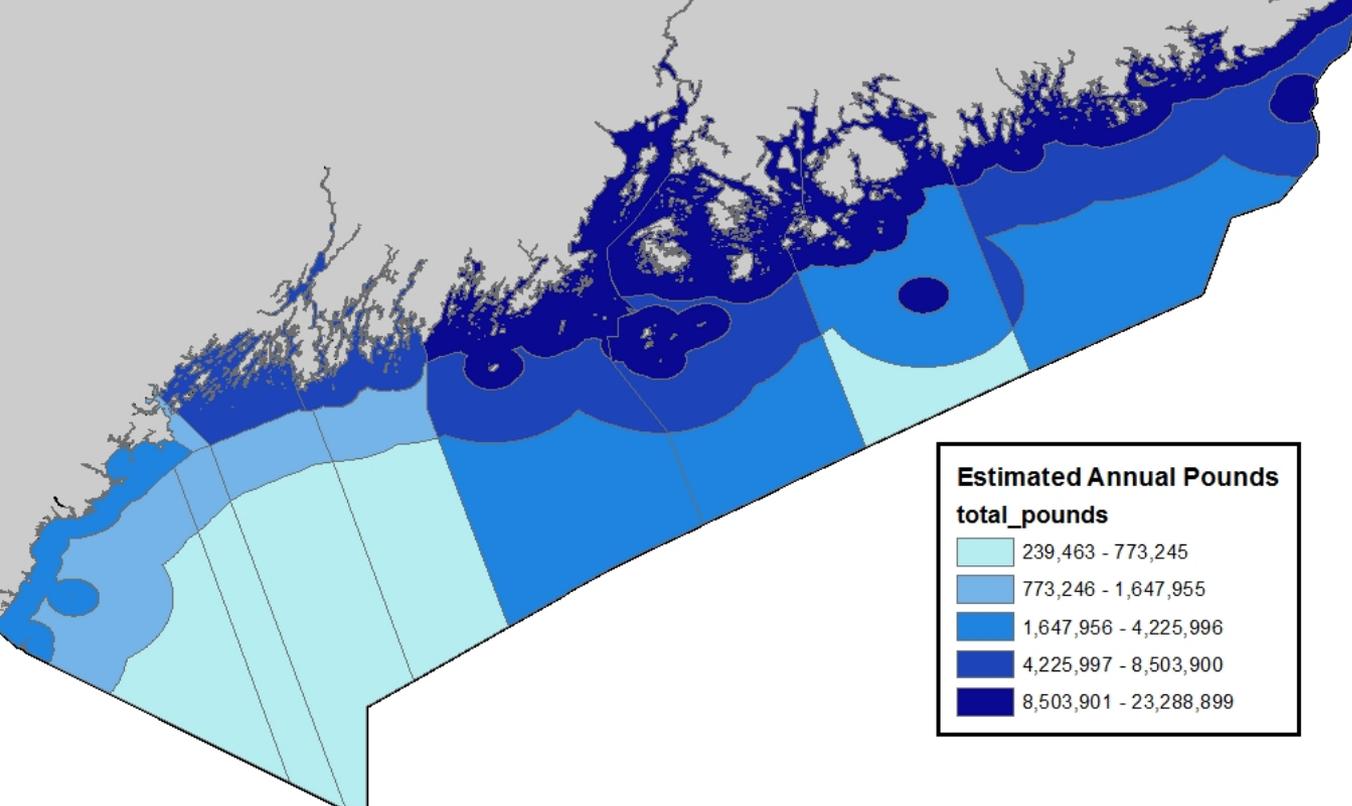
- **Harvester Data**

- 10% of each license class in each zone
- Zone declared by harvester
- Provides distance from shore (0-3, 3-12, >12nm)
- Provides characterization of trap hauls, trip length, etc.

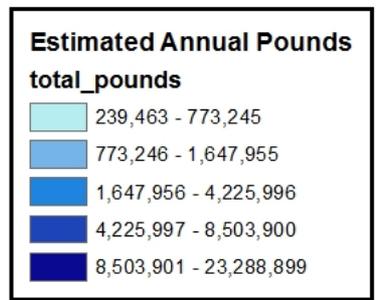
- **Federal Lobster VTR**

- Only required if vessel has other federal permits
- Provides single point for trip
- Used as harvester logbook if selected as part of 10%

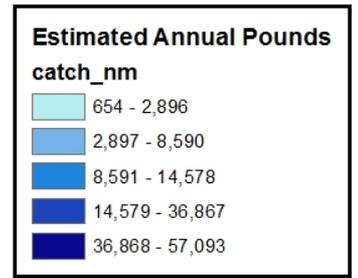
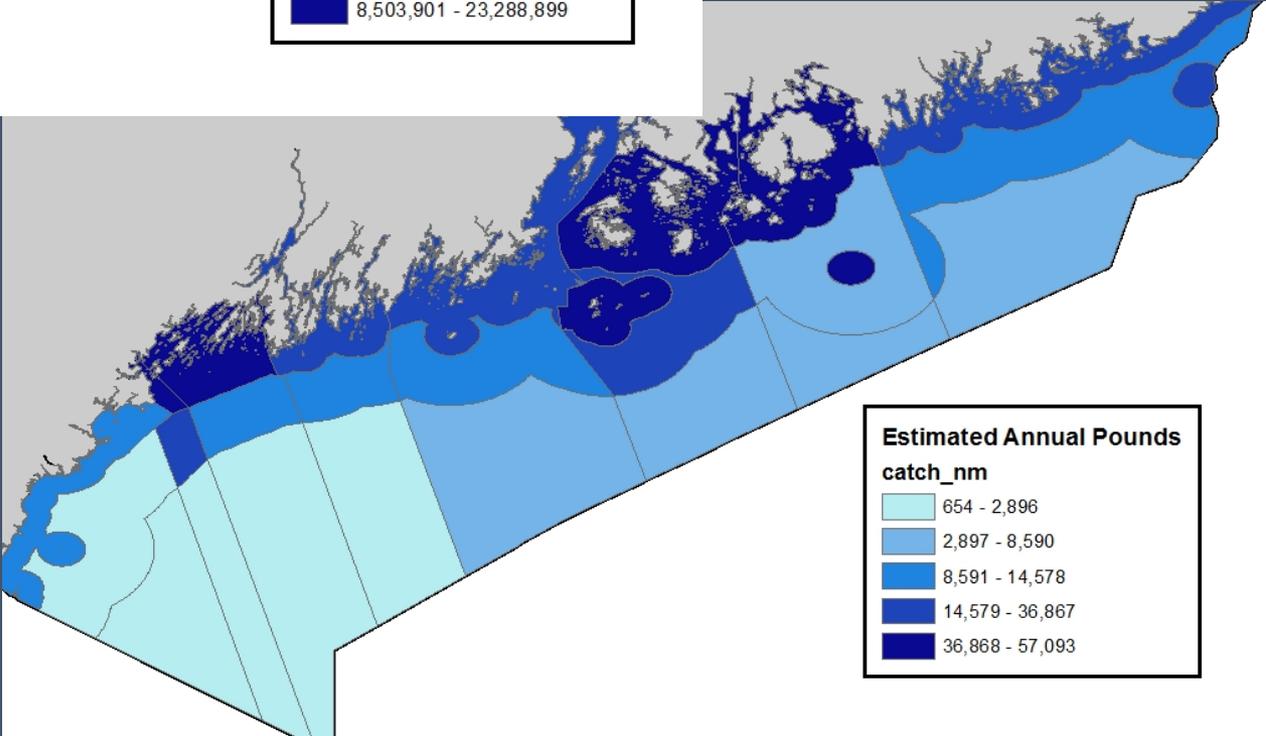




Annual  
estimated  
total catch



Average  
total catch  
per nm<sup>2</sup>



# Sources of Uncertainty

- Assumes equal productivity of habitat
    - underestimate of specific fishing areas
  - Zone overlap and buffer uncertainty
  - Unable to validate spatial information
  - Does 10% harvester reporting in Maine adequately represent the >3nm fishery?
    - Many fewer reports from offshore
- Data sources have low spatial resolution for specific areas so industry engagement is especially important



